Use Attainability Analysis

for

WBID 3413 Horseshoe Creek

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program

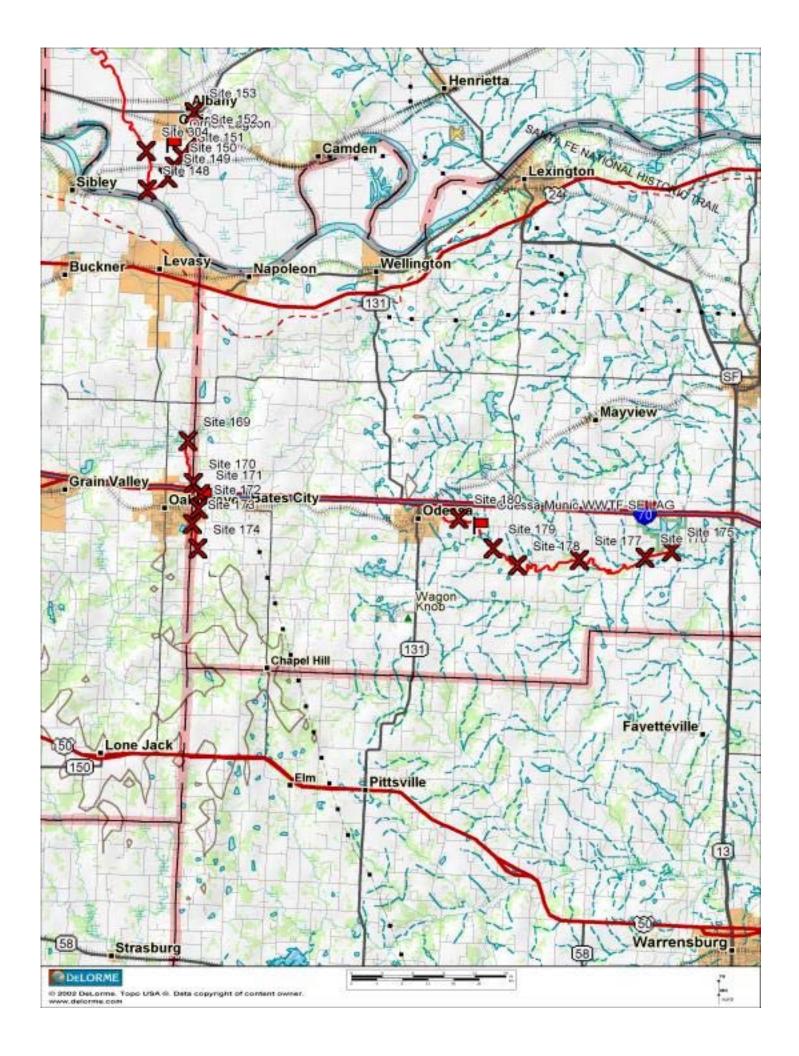
APR 0 6 2005

#### Field Data Sheets for Recreational Use Stream Surveys

## WATER PROTECTION PROGRAM

#### Data Sheet A - Water Body Identification

Water Body Name: (from USGS 7.5' quad) Honsedhoe Carek: 169-174	
	19.1.
8-digit HUC: 10300101	
Missouri WBID #: 3413	
County: LAFAYETTE	
Upstream Legal Description:	·
Downstream Legal Description:	
Upstream Coordinates:	
(UGS 84, ddd.ddddd) 38,98243 -094,10696	**************************************
Downstream Coordinates:	
(UGS 84, ddd.ddddd) 39. 03337 - 014.11456	
Discharger Facility Name(s): OAN GROVES WWTP	
Discharger Permit Number(s):	MD-0106259
Number of Sites Evaluated: 6	
Name of Surveyor and Telephone Number: ADAM RETTIC: 410-75	6-8143
Organization: TETRA TECH INC.	
Position: ASSO CIATE SCIENTIST	
I, the undersigned, hereby affirm to the best of my knowledge, to datasheet is true and accurate.	that all information reported on this UAA
Signed: Alow My	Date: 3/29/65



# & UNESS

#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization

Missouri WBID #:	9		Site Location De		
Site GPS Coordinates: 3	102.002/-0	24°00	BTY WIRED CE C	extension are	OF H.
	705/10:30a		Facility Name:	OAL GROK JUNT	P
Personnel: AVR	AME	<del></del>	Permit Number:		
Current Weather Condition	ons:		Weather Conditi	ons for Past 7 days:	
Photo Ids: Upstream: 20	142 1687 De Dou	vnstream	: 27 on 1085A Other	1:23 an 1684/4- TRAIN	
s Observed*:					
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		] Boating	☐ Wading	☐ Rafting
- Wind Sui filig	1 —,				
☐ Hunting	☐ Trapping	С	Fishing frequency of use, photo-	None of the above documentation of evidence	☐ Other:
☐ Hunting  Describe: (include number)	☐ Trapping er of individuals rec	reating,	frequency of use, photo-		☐ Other: of recreational uses, e
☐ Hunting  Describe: (include number of the condition of interest.)	□ Trapping er of individuals rec  as*: (Mark all that p	promote	frequency of use, photo-	documentation of evidence	Other: of recreational uses, e
☐ Hunting  Describe: (include number of the conditions of interest.)  ☐ City/county parks	☐ Trapping er of individuals rec  IS*: (Mark all that p	promote of MD	or impede recreational u	ses. Attach photos of evidence	Other: of recreational uses, e
☐ Hunting  Describe: (include number of the condition of interest.)  ☐ City/county parks ☐ Boating accesses	□ Trapping er of individuals rec  ns*: (Mark all that p □ Playgrounds □ State parks	promote of MD	or impede recreational under conservation lands	ses. Attach photos of evidence  Urban areas  Nature trails	Other: of recreational uses, e
☐ Hunting  Describe: (include number of the conditions of interest.)  ☐ City/county parks	☐ Trapping er of individuals rec  IS*: (Mark all that p	promote of MD	or impede recreational u	ses. Attach photos of evidence	Other: of recreational uses, e
☐ Hunting  Describe: (include number of the condition of interest.)  ☐ City/county parks ☐ Boating accesses	☐ Trapping er of individuals rec  AS*: (Mark all that p ☐ Playgrounds ☐ State parks ☐ Fence	promote of MD	or impede recreational under conservation lands	ses. Attach photos of evidence  Urban areas  Nature trails	Other: of recreational uses, e
☐ Hunting  Describe: (include number of the condition of interest.)  ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Trapping er of individuals rec  AS*: (Mark all that p ☐ Playgrounds ☐ State parks ☐ Fence	promote of MD	or impede recreational under conservation lands	ses. Attach photos of evidence  Urban areas  Nature trails	Other: of recreational uses, e

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

September 29, 2004

Page 18

## Page Two - Data Sheet B for WBID # 169

ream Morpl Upstream V	hology: View Pl	nysical Dir	mensior	ns: . 6	15, le, .	35, 4	152			
	Width (ft			th (ft):		vg. Depth	,	•	Max. Depth (ft):	
□ Run V	Width (ft	):	Leng	th (ft):	P	vg. Depth	(ft):		Max. Depth (ft):	
Pool V	Width (ft	):5m	Leng	th (ft): ,	20m A	vg. Depth	(ft): 0,45	m	Max. Depth (ft):	0,75m
Flow F	Present?	Yes	□ No		I	stimated (1	ft³/sec): 10	o Slu	w t measur	
Downstream	m View	Physical	Dimens	sions: /	5.5	. 1 3	. 1	m	55, 75, 85	
	Width (ft			th (ft):		vg. Depth	(ft):		Max. Depth (ft):	
X Run V	Width (ft	): 5m	Leng	th (ft): '	20m 4	vg. Depth	(ft): (), 32	3m	Max. Depth (ft):	0.55m
1 /	Width (ft			th (ft):		vg. Depth		10 - 1	Max. Depth (ft):	<u> </u>
Now I	Present?	Yes	□ No		F	stimated (f	itsec): ATV	6 ()	·15m/s	
ıbstrate*: (7	These va	lues should a	ıdd un to	100%)				i e		
	Cobble		Gravel	100 10.5	% Sand		% Silt	20	% Mud/Clay	% Bedrock
ater Charac		CS*: (Mark	$\overline{}$	ply.) fusky	X Chen	nicel	□ None		☐ Other:	
Color:		Clear	<b>√</b> /	reen	☐ Gray		☐ Milky		☐ Other:	· · · · · · · · · · · · · · · · · · ·
Bottom Depo		Sludge	<del>-/-&gt;-</del>	olids		sediments	☐ None	····	☐ Other:	
Surface Depo	<del>/</del>	og Studge □ Oil		cum			None		☐ Other:	
his information mprehensive ur cision on the re	n is not to nderstand ccreation gned, h	be used solding of water use analysis hereby affile accurate	ely for re condition but may rm to the	moval of ns. Cons point to he best	f a recreations sequently, this conditions that of my kno	l use designed information in the need furth whedge, the Date:	nation but ra on is not intended analysis that all int	ther is nded to or that	to provide a more of directly influence a effect another use.	•
gamzauon:_	,,,	79	<u> </u>	۱. ۸	dolf in	Positio	m: <u>yu</u> 1025	1 1	<del>1-79-1-7</del>	







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	70		Site Location D	escription:	0 1500 44
Site GPS Coordinates:	37.01881/-00	14/1015	L G PATOR	OU DIRTROAD NEA	7 Michael
Date & Time: 3-(8-0			Facility Name:	OAN GROVE SWUTT	>
Personnel: AVA	AMG		Permit Number		
Current Weather Condition			Weather Condit	ions for Past 7 days:	
Photo Ids: Upstream: 7	161681 A DOW	vnstream: 25	in 1688A Othe	r: 27 Cec 1690A - Coust	witou
es Observed*:					
☐ Swimming	☐ Skin diving	□ sc	CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Во	ating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fis	shing	☐ None of the above	DO Other: TREKY DUM
11 40.1.6	1 .			-documentation of evidence	of recreational uses, etc
* LOWSTRUCTION;  ** CONSTRUCTION;  FACTLITY.  **Trounding Condition	fream Jaysaxs Sku	MER P	INS PO SWA		of recreational uses, etc.
* leaches in S.  * Construction;  FACTURITY.	fream Jaysaxs Sku	Oromote or in	INS PO SWA	REASTE CAPACITY QU	of recreational uses, etc.
* Coustruction;  **Thetalty.  **Trounding Condition*  ins of interest.)	fream  Aysix SEU  One of the control	Oromote or in	THE TO WE	REASE CAPACETY @ (	of recreational uses, etc.
* Course in Some the Course of interest.)  City/county parks	hysics sku  hysics sku  Playsrounds	oromote or in	THES PO WO	REASTE CAPACETY @ C	nce or unusual  Campgrounds  Stairs/walkway
* Coup Ruction,  **A Coup Ruction,  **Trounding Condition  ins of interest.)    City/county parks   Boating accesses	ms*: (Mark all that p	promote or in  MDC co	THES PO WO	REASE CAPACETY @ (  uses. Attach photos of evide  Urban areas  Nature trails	nce or unusual  Campgrounds  Stairs/walkway
* Coustraction  **Trounding Condition  ms of interest.)    City/county parks   Boating accesses   No trespass sign	ms*: (Mark all that p	oromote or in  MDC co	THES PO WO	REASE CAPACETY @ (  uses. Attach photos of evide  Urban areas  Nature trails	nce or unusual  Campgrounds  Stairs/walkway
** CouffRutton;  **A CouffRutton;  **Trounding Condition  ns of interest.)    City/county parks   Boating accesses   No trespass sign  idence of Human Us	ms*: (Mark all that p  Playgrounds  State parks  Fence	oromote or in  MDC co  Nationa  Steep slo	The Power	REASE CAPACITY @ Consistence of evide Urban areas  Nature trails  Other: NEWSY	nce or unusual  Campgrounds  Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

### Page Two – Data Sheet B for WBID # 170

☐ Riffle Widtl	ı (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Widtl	(ft): 3m	Length (ft): 2	Avg. Depth	(ft): 0. 7m	Max. Depth (ft):	0.36
Pool Widtl	ı (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
Flow Prese	nt? 🗆 Yes	□ No	Estimated (	silsec): And	19m/s	
Wylan- Downstream V	iew Physical l	ان ، Dimensions	5, 15, 35,	3., 25	15,45,45 lm	lm
□ Riffle Width	ı (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Width	(ft):5m	Length (ft): 🗥	Avg. Depth	(ft): 0. 22m	Max. Depth (ft):	D. 4m
☐ Pool Widtl	(ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
Flow Prese	nt? Yes	□ No	Estimated (	fi³/sec): Thru	.25 m/s	
			lgal growth at the ass	essment site)		····, · · · · · · · · · · · · · · · · ·
bri	ght brain	Algae	gal growth at the ass	essment site)		
bri	Jhk Grein stics*: (Mark a	Algae		essment site)	□ Other:	
hru Vater Characteri	ght brain	all that apply.)	gal growth at the ass		☐ Other:	
Vater Characteri	Jhk Grein stics*: (Mark a	Algae	Chemical	□ None	,	
Vater Characteri Odor: Color:	Stics*: (Mark a	Ill that apply.)  Musky Green	Chemical  Gray	□ None □ Milky	☐ Other:	
Vater Characteri Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please	stics*: (Mark a Sewage Clear Sludge Oil attach addition to be used sole anding of water	Il that apply.)  Musky  Green  Solids  Scum  Conal comments (in the style for removal of a reconditions. Consequence of the style of th	Chemical  Gray Fine sediments  Foam  ncluding informa ecreational use desig	None None None None tion from intervigation but rather is on is not intended to	Other: Other: Other: to provide a more of directly influence a	. •
Vater Characteri Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is no comprehensive undersection on the recreate	stics*: (Mark a Sewage Clear Sludge Oil attach addition to be used sole anding of water ion use analysis in the control of the	Il that apply.)    Musky   Green   Solids   Scum   Onal comments (in the state of a reconditions. Consequent to condition to condition to condition to conditions.	Chemical  Gray  Fine sediments  Foam  ncluding informate designation that need furth the company of the company	None None None None None tion from intervination but rather is on is not intended to her analysis or that	Other: Other: Other: to provide a more of directly influence a	
Vater Characteri Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is no comprehensive undersection on the recreat	stics*: (Mark a Sewage Clear Sludge Oil attach addition to be used sole anding of water ion use analysis in the control of the	Ill that apply.)    Musky   Green   Solids   Scum   Onal comments (in the last of the best of the best of the last	Chemical  Gray  Fine sediments  Foam  ncluding informate designation that need furth the company of the company	None    Milky     None     None     None     None     None     Indicate the properties of the properti	Other: Other: Other: other: to provide a more of directly influence a effect another use.	







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site PROTECTION PROGRAM

2005 MAY 23 PM 2: 58

Missouri WBID #:	70 Revisit		Site Location De	escription:	d = a
Site GPS Coordinates: N			11023 Unnamed 1	road off of 40	4 70
Date & Time: 4-22-		<u> </u>	Facility Name:	Oak Grove So 1	1)11/19
Personnel: CB EL	Y		Permit Number:		
Current Weather Condition	ons: Cloudy 5	40	Weather Conditi	ons for Past 7 days:	
Photo Ids: Upstream:			m: 1983A &1 Other	:	
		****	C>e		
ses Observed*:		<del></del>		T	·
	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above documentation of evidence	☐ Other:
There was	, trash t	hrod	ugh out stre	am	•
urrounding Condition				ses. Attach photos of evider	nce or unusual
urrounding Condition		promote			nce or unusual
urrounding Condition	18*: (Mark all that p	promote	e or impede recreational u	ses. Attach photos of evider	
urrounding Conditionems of interest.)	ns*: (Mark all that p  ☐ Playgrounds	□ M	e or impede recreational u	ses. Attach photos of evider  Urban areas	☐ Campgrounds ☐ Stairs/walkway
urrounding Conditioners of interest.)  City/county parks  Boating accesses	Is*: (Mark all that p  Playgrounds  State parks  Fence	□ M	e or impede recreational u DC conservation lands ational forests	ses. Attach photos of evider  Urban areas  Nature trails	☐ Campgrounds ☐ Stairs/walkway
urrounding Condition oms of interest.)  City/county parks  Boating accesses  No trespass sign	Is*: (Mark all that p  Playgrounds  State parks  Fence	□ M □ Na □ Sta	e or impede recreational u DC conservation lands ational forests	ses. Attach photos of evider  Urban areas  Nature trails	☐ Campgrounds ☐ Stairs/walkway
urrounding Conditionems of interest.)  City/county parks  Boating accesses  No trespass sign	Is*: (Mark all that p  Playgrounds  State parks  Fence	Dromote  M Na Sto	e or impede recreational u  DC conservation lands ational forests eep slopes	ses. Attach photos of evider  Urban areas  Nature trails  Other: Construction	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of self re segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 170 : Revisi+ Stream Morphology: Upstream View Physical Dimensions: IN Muters 0,20, 0,04 Width (ft): Length (ft): ☐ Riffle Avg. Depth (ft): Max. Depth (ft): Width (K) T Run Length (No: Avg. Depth (h); Max. Depth (10): Width (ft): Length (ft): ☐ Pool Avg. Depth (ft): Max. Depth (ft): Estimated (ft<sup>3</sup>/sec): 3m. ☐ Flow Present? 🖎 Yes □ No 4./0/05 = 0.64m15 43 56 Downstream View Physical Dimensions: in Meters: 0.10, 0.30, 0.35 0,18 Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (19): 0.196m N Run Length (1): Avg. Depth (4): Max. Depth (TX): M Width (ft): ☐ Pool Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow Estimated (fir lete): 3m / 6.66 m Yes Present? □ No Substrate\*: (These values should add up to 100%.) % Cobble % Gravel % Sand 20 % Silt 20 % Mud/Clay % Bedrock Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site) Algae Water Characteristics\*: (Mark all that apply.) Odor: ☐ Sewage ☐ Musky ☐ Chemical None None ☐ Other: Color: ☐ Clear ☐ Green ☐ Gray Milky ☐ Other: **Bottom Deposit:** ☐ Sludge □ Solids Tine sediments □ None ☐ Other: Surface Deposit: □ Oil 🗖 Foam ☐ Scum ☐ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Date: 04/22/05 Ivc. Position: ASSOCIATE SCIENTILT Organization: FTRA TECH

Edy 4-22-05

#### Data Sheet B - Site Characterization

<b>)</b>	(A separate d	lata sheet n	nust be complete	ed for each site)	
Missouri WBID #: 17			Site Location De	escription:	
	9.01247/09	14.10184	@ BRIDGE O	on PAVED AD THAT PAY	PARKELS HEGINNAY 70
Date & Time: 3-18-05		TIME V		OANGRUK JUNTP	•
Personnel:	ant		Permit Number:		
Current Weather Condition		S	Weather Conditi	ions for Past 7 days:	
Photo Ids: Upstream: 21			02 1691 A Other	1:30 or 1693A=Acat :	EU SINO
				J- 5-14 .4	
es Observed*:		r			1
	☐ Skin diving		UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Bo	ating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fis		None of the above	☐ Other:
ms of interest.)	·			ses. Attach photos of evide	T
☐ City/county parks	☐ Playgrounds		enservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway
No trespass sign	☐ Fence	Steep slo	ppes	☐ Other:	
idence of Human Use	e <b>*:</b>				
Roads	☐ Foot paths/prir	nts 🗆 I	Oock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	□F	Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
- rope swings				- Tit DEB Disona Bo	Li Fishing Tackle
D Other: TRUST					The rising rackie

other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Mani Hulke 3-1805

lm 25, 25, 35 Stream Morphology: Upstream View Physical Dimensions: , Width (ft): Length (ft): ☐ Riffle Avg. Depth (ft): Max. Depth (ft): Length (ft): 20 h Max. Depth (ft): O. 22 m 🗷 Run Width (ft): Avg. Depth (ft): ☐ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Estimated (ft3/sec): Flow Present? ZXYes € □ No **Downstream View Physical Dimensions:** Width (ft): ☐ Riffle Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): ☐ Run Avg. Depth (ft): Max. Depth (ft): Width (ft): X Pool Length (ft): Avg. Depth (ft): 0 Max. Depth (ft): 1). Um Flow Estimated (ft<sup>3</sup>/sec): X Yes Present? □ No Substrate\*: (These values should add up to 100%.) % Cobble % Gravel % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation\*: (note amount of vegetation or algal growth at the assessment site) Bry brun algai Water Characteristics\*: (Mark all that apply.) Odor: **E**Sewage ☐ Musky ☐ Chemical ☐ None ☐ Other: Color: ☐ Clear Green ☐ Gray ☐ Milky ☐ Other: Fine sediments Bottom Deposit: Sludge ☐ Solids □ None Other: Surface Deposit: ☐ Oil ☐ Scum ☐ Foam J None Other: Comments: Please attach additional comments (including information from interviews) to this form. \*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Position: SCI, J. Organization: JAMAN Holler 3-10 905

Page 19

AL

Page Two - Data Sheet B for WBID #







## Page Two - Data Sheet B for WBID # 172

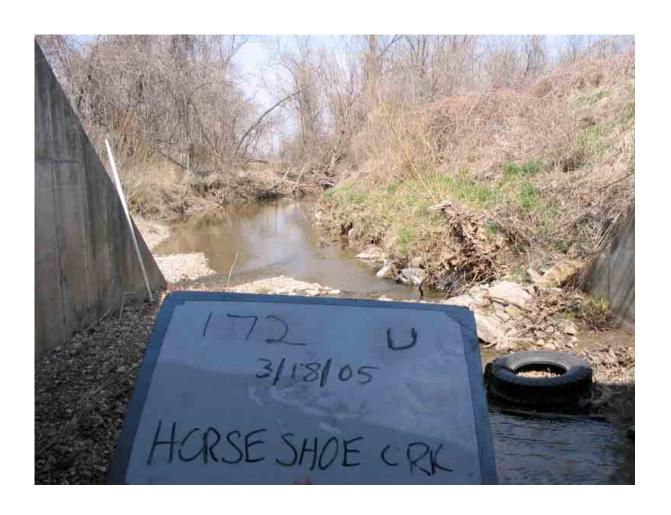
tream Morpholo Upstream Viev		mensions: 4	.8.6.5.	45		
	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
□ Run Widt	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Widt	h (ft): (p)	Length (ft): $\lambda$	Avg. Depth	(ft): () (5h	Max. Depth (ft):	Im
Flow Prese	ent? Yes	□ No	Estimated (	ft³/sec): 100 (	show to measure	
Downstream V	iew Physical	Dimensions: •	2,.3,.25,.1	5, , 05	8,9,95 lu	ululu
☐ Riffle Widt	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Widt	h (ft): 12 h	Length (ft): 🔎	Avg. Depth	(ft): 0. 19 m	Max. Depth (ft):	Q.3m
□ Pool Widt	h (ft):	Length (ft):	Avg. Depth		Max. Depth (ft):	
Flow Prese	ent? Yes	□ No	Estimated (4	ft <sup>3</sup> /sec): (	)e/2 m/s	
ıbstrate*: (Thes		dd up to 100%.) Gravel 3-0	% Sand	% Silt	% Mud/Clay	% Bedrock
Ater Character		all that apply.)				
Odor:	_ □ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	Clear	☐ Green	Gray	□ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	☐ Fine sediments	ุ□ None	Other: Flocce	alent Hlore
Surface Deposit:	□ Oil	□ Scum	☐ Foam	None	☐ Other:	
			including informat		rviews) to this form	1.
mprehensive unders	tanding of water	conditions. Consec	uently, this information	on is not intende	d to directly influence	a
the undersigned tasheet is true			f my knowledge, t	that all infor	nation reported o	n this UAA
gned:	n ROUS			3/18/05		
rganization:	Tt-DU		Positio	n: St. I.		
	A	- Aranj	) Hora 3-	n: <u>&amp;L I.</u> 18-05		

#### Data Sheet B - Site Characterization

-
tiing
,
l uses, etc.
s . N
ounds
·.
ounds
ounds
ounds
ounds alkway "V Tracks
ounds

Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Marie John 3-18-05





#### Data Sheet B - Site Characterization

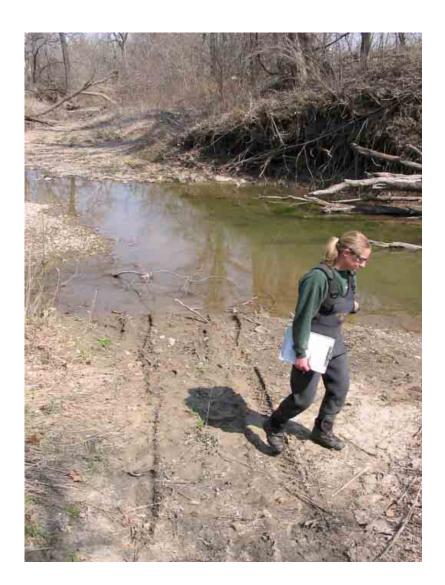
<u> </u>	72		Site Location D	escription:	JETE IJ WITERZ
Missouri WBID #:	73	n.	Site Location D	4(u @ EUD OF RUA	1 1 TOM COM
Site GPS Coordinates:		14.11091			
Date & Time: 3-18	05/1:00pm		Facility Name:	CAK GROWE THUST	7
Personnel:	AMG		Permit Number:		
Current Weather Condit	- CANTON -	60'5	<del> </del>	ions for Past 7 days:	
Photo Ids: Upstream: 3	ya ILATA DOW	nstream: 33	ar 1696A Othe	15 or 16984- ATU TI	CHECKENSONG
es Observed*:					
☐ Swimming	☐ Skin diving	□ se	CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□в	oating	☐ Wading	☐ Rafting
				·	□ Raiting
Describe: (include numb		reating, freq	•	□ None of the above documentation of evidence	☐ Other:
HJUMEN	per of individuals rec	reating, freq	uency of use, photo	-documentation of evidence	Other: of recreational uses, et
Describe: (include number of the condition)	per of individuals rec	reating, freq	uency of use, photo	documentation of evidence	Other: of recreational uses, etc
Describe: (include number of the conditions of interest.)	ns*: (Mark all that p	reating, freq	mpede recreational u	documentation of evidence  * COOD AVR  uses. Attach photos of evide	Other: of recreational uses, etc
Prounding Conditions of interest.)	ns*: (Mark all that p	oromote or in	mpede recreational unonservation lands	ases. Attach photos of evide	Other: of recreational uses, etc
rounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p  Playgrounds  State parks	oromote or in	mpede recreational unonservation lands	ises. Attach photos of evide	Other: of recreational uses, etc
Prounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that p  Playgrounds  State parks	oromote or in  MDC c  National	mpede recreational unonservation lands	ises. Attach photos of evide	Other: of recreational uses, etc
Prounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that p  Playgrounds  State parks	oromote or in MDC comparts	mpede recreational ands al forests	documentation of evidence  Town AVR  Urban areas/WURGA  Nature trails  Other:	of recreational uses, etc

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Pa	ige Two – Data S	heet B for W	BID # <u>  []</u>	•		, , ,
St	ream Morpholog	v:		•	lm	leples Ss
~-	Upstream View		ensions: , 65	5.1, 1, 1, 1,0	1.05	
	Riffle Width	(ft): 5,5m	Length (ft):	om Avg. Depth	(ft): 0.08m	Max. Depth (ft): Of m
	☐ Run Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
	Pool Width	(ft):	Length (ft):	Avg. Depth		Max. Depth (ft):
	Flow Presen	t? Yes	□ No	Estimated (1	stisechant O.	18 m/s
	Downstream Vi	ew Physical D	imensions:	1,19.2.25	55,	7,85 lulula
	☐ Riffle Width		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
	Run Width	(ft): 4h	Length (ft): 2	Avg. Depth	(ft):0,17m	Max. Depth (ft): 0,25m
	☐ Pool Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):
	Flow Presen	t? □ Yes	□ No	Estimated (f	ft3/sec): Ame (	), 15m/s
Ç.	hetroto*: (These	/ luan ah auld ada	1 to 1000% \			
Su	bstrate*: (These		ravel	% Sand	% Silt	% Mud/Clay \ \(\nabla\) % Bedrock
	V			algal growth at the asso		
	Algie					
W	ater Characteris	tics*: (Mark all	that apply.)			
	Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:
	Color:	Clear	☐ Green	Gray	☐ Milky	☐ Other:
	Bottom Deposit:	□ Sludge	☐ Solids	Fine sediments	□ None	□ Other:
	Surface Deposit:	□ Oil	□ Scum	Foam	□ None	☐ Other:
				(including informat		
COI	nprehensive understa	inding of water co	onditions. Conse	recreational use design quently, this information anditions that need furth	on is not intended to	o directly influence a
	the undersigned, tasheet is true a		n to the best o	f my knowledge, t	that all informa	tion reported on this UAA
Si	gned: Uduk	Relts		Date:	3/18/05	Water and the second se
Or	ganization:	- BCT		Positio	on: <u>SCr. s.</u> 3-180	
•			Spran	u Yorku	3-180	5
	September 29,	2004				Page 19







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	14		Site Location De	•	
Site GPS Coordinates:	8.982431-0	14.16696	C seine	NEAR THORE SINE CO	<b>ek</b> epones
Date & Time: 3-18			Facility Name:	and your SwwTP	
Personnel:	AME		Permit Number:		
Current Weather Conditi	ons: Stury 50	ונט	Weather Conditi	ons for Past 7 days:	
Photo Ids: Upstream: 3	7-12 1700A DOW	nstream: J	ca KG14A Other	1:38 or 11014 = SPR14	PHET
ses Observed*:					T
	☐ Skin diving		UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Bo	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	1 .	hing AVR	□ None of the above documentation of evidence	Exother: Sway Pau
Affunco	ACTURY 618	HO ON	Constitu	J HA) Wolfsen 1	AVR
rrounding Condition				ises. Attach photos of eviden	
		promote or in			
rrounding Condition	as*: (Mark all that p	promote or in	npede recreational u	ses. Attach photos of evide	nce or unusual
rrounding Condition ms of interest.)  □ City/county parks	as*: (Mark all that p	eromote or in	npede recreational unservation lands	ses. Attach photos of evide	nce or unusual  □ Campgrounds
rrounding Condition ms of interest.)  City/county parks  Boating accesses	As*: (Mark all that p  Playgrounds  State parks  Fence	oromote or in  MDC cc	npede recreational unservation lands	uses. Attach photos of evidence.  Urban areas  Nature trails	nce or unusual  □ Campgrounds
rrounding Condition ms of interest.)  ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	As*: (Mark all that p  Playgrounds  State parks  Fence	oromote or im  ☐ MDC co ☐ National	npede recreational unservation lands	uses. Attach photos of evidence.  Urban areas  Nature trails	nce or unusual  □ Campgrounds
rrounding Condition ms of interest.)  City/county parks Boating accesses No trespass sign	As*: (Mark all that p  Playgrounds  State parks  Fence	oromote or in  MDC co  National Steep slo	npede recreational una properties of the conservation lands of the con	Ses. Attach photos of evider  Urban areas  Nature trails  Other:	nce or unusual  ☐ Campgrounds ☐ Stairs/walkway
rrounding Condition ms of interest.)  City/county parks Boating accesses No trespass sign  idence of Human Us Roads	As*: (Mark all that p  Playgrounds  State parks  Fence  Phot paths/prin  Camping Sites	oromote or im  MDC co  National  Steep slo	onservation lands forests opes Oock/platform	ses. Attach photos of evider  ☐ Urban areas ☐ Nature trails ☐ Other: ☐ Livestock Watering	Campgrounds  Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

September 29, 2004

Page 18

### Page Two - Data Sheet B for WBID #\_\_\_\_\_:

Stream Morp Upstream			nensions: 🕡	2, 1, 15	515	, e(		
☐ Riffle	Riffle Width (ft): Length (f		Length (ft):	Avg. Depth (ft):			Max. Depth (ft):	
Run W	Tun pww Width (ft): 5,5m Length (ft): 20		20m	m Avg. Depth (ft): D. 14m		Max. Depth (ft): 0.2m		
Pool	-Width (1	t):	Length (ft):		Avg. Depth		Max. Depth (ft):	
Flow	Present?	Yes	□ No	I	Estimated (	ft³/sec): Too S	sbow to measur	r
Downstrea	m Vie	w Physical	Dimensions:	٠٤,.3,٠	4.4	٠, ك		
☐ Riffle	Riffle Width (ft): Length (ft):			' '	Avg. Depth (ft):		Max. Dopth (ft):	
□ Run	Width (f	t):	Length (ft):	ŀ	Avg. Depth (ft):		Max. Depth (ft):	
Pool	Pool Width (ft):		Length (ft):	20m	Avg. Depth (ft): 0,3 m		Max. Depth (ft): 6, 45h	
Flow								
C-1-44		0						•
	Cobble		dd up to 100%.) Gravel	% Sand	1 2	6 % Silt	% Mud/Clay	% Bedrock
. 0	11/2 ·		nt of vegetation o					
Water Chara		ics*: (Mark a	all that apply.)	☐ Cher	aigal	D None	□ Other:	
Color:		Clear	☐ Green	☐ Gray		☐ Milky	☐ Other:	
Bottom Dep	osit:	□ Sludge	□ Solids	<b>√</b>	sediments	□ None	☐ Other:	
Surface Dep		□ Oil	☐ Scum	□ Foan		None	☐ Other:	
This information	n is not t inderstan	o be used sole ding of water	ely for removal of conditions. Cons	f a recreations sequently, this	il use desig s informati	nation but rather on is not intende	rviews) to this form is to provide a more d to directly influence a nat effect another use.	
datasheet is t		d accurate.		·		( 2)	mation reported o	1 this UAA
Signed:	yam 1	yura)			_Date:_	311/101		
Organization:	Tt.	- Oct			Positio	on: Ses.	Î.,	
		<u>A</u>	Mari	i Hor	ki	3-19	1. 1°05	·





